

AIAC19 Abstract Submission Guidelines

All abstracts submitted for AIAC19 must follow this guide.

Call for abstract's deadline: **28 February 2021**.

The outcome of abstract submissions will be emailed March **2021**.

Accepted presenters must be registered for the Conference by the end of **August 2021**.

Abstract submission guidelines:

All abstracts submitted for AIAC19 must follow these guidelines.

- The abstract must be written in English and submitted through the [online presentation portal](#).

Presentation Title

- The abstract title should be short, informative and contain the main keywords.
- **Format:** Sentence case, Arial, size 12, bold, centred.

Abstract Body

- The abstract body should define the precise subject of the presentation to an audience. The abstract should state the problem being addressed, the purpose of the paper, basic procedures/methods, main findings and principal conclusions. The abstract body must contain the content of your abstract only. **DO NOT** include the abstract title, author names or references in the abstract body.
- **Format:** Arial, size 11.
- Maximum 300 words.
- **Abbreviations:** Use standard abbreviations only. Within the body of the abstract, when using abbreviations spell out the name in full at the first mention and follow with the abbreviation in parentheses. Abbreviations may be used in the title, provided the name in full is outlined in the body of the abstract.
- Headings should not be included.
- References do not need to be included.

Submitting an abstract via eOrganiser

To submit your abstract, copy and paste the content from your abstract word document into the relevant fields in the online submission portal. Alternatively, you can type directly into the fields within the portal.

Once all fields have been completed, click **Preview and Submit** to generate a final preview of the abstract. Once you are satisfied with your preview click **Submit** to complete the abstract submission process.

Once submitted a PDF copy of your abstract will be sent to you via email. This should be reviewed to ensure the accuracy of the submission. Please check junk or spam folders if not received in your inbox. Please contact aiac@engineersaustralia.org.au if a confirmation email is not received upon abstract submission.

Presentation Types

The following presentation types are available:

Oral presentation

An oral presentation consists of a brief talk and question and answer time. Presentation slides, video clips and props are encouraged but not compulsory.

Poster presentation

A poster presentation consists of visual information (photos, graphics, text, tables and figures) that will be exhibited at the Convention in a poster format.

Technical presentation

A Presentation brief is sought on Application Technologies, relevant to Aerospace, under various stages of development for the "Technology Sessions" on-site at the Avalon Air-show (Wednesday and Thursday Mornings).

The focus and scope of the brief need to cover aspects of design philosophy, development status, system specification, trials and TRL.

Themes & Sub-Themes

The theme for AIAC19, *New Technologies in Aerospace operations and sustainment* covers a range of topics relevant to practicing structural engineers, students, academics, researchers and industry specialist providers.

Sub-themes included across the different conferences can be found below:

19th Australian International Aeronautical Congress (including SPACE stream)

- Aeronautics
- Aerodynamics
- Structures & Materials
- New Technologies
- Autonomous Systems/UAS
- Operations, Airworthiness & Sustainment
- Vehicle Systems (incl. Avionics, Propulsion)
- Industry Capabilities & Advances

Space Technology

- Spacecraft Systems Design and Analysis
- Spacecraft Dynamics & Control
- Orbit Theory
- Mission and Trajectory Design
- Space Environment
- Launch Vehicle Design and Methods

- Australian Space Business Opportunities

HUMS2021 – 12th Defence Science and Technology (DST) International Conference
on Health and Usage Monitoring

- Diagnostics and Prognostics
- Vibration, RT&B or acoustic analysis
- Structural Loads Monitoring
- Wear Debris Analysis
- Sensors and Algorithms
- Health and Life Management
- Data analytics Applications
- Platform Asset Management